

Product data sheet

Specifications



Galaxy VS UPS 20kW 400V for up to 4 internal 9Ah smart modular battery strings, Start-up 5x8

GVSUPS20K0B4HS

Overview

Presentation Highly efficient, easy-to-deploy 20kW, 400V 3-phase UPS that brings best-in-class power protection and low total cost of ownership to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. This UPS is for up to 4 smart modular high capacity battery strings, but is supplied without batteries, so you can easily customize the battery runtime. Includes 5x8 start-up service.

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage 400 V 3 phase

Other Input Voltage 380 V
415 V

Main Output Voltage 400 V 3 phase

Other Output Voltage 380 V
415 V

Rated power in W 20 kW

Rated power in VA 20 kVA

Battery Type Internal modular battery
VRLA

Provided equipment Dust filter
Installation manual
Integrated network management
Start-Up Service
EcoStruxure Ready

Batteries & Runtime

Battery Voltage 480V

End of Discharge Battery Voltage 384 V

End of Discharge Maximum Battery Current 54 A

Battery power in VAH 0 VAh runtime

Extendable Run Time 0

General

Redundant No

Physical

| | |
|----------------|------------------------|
| Color | White |
| Height | 58.46 in (148.5 cm) |
| Width | 20.51 in (52.1 cm) |
| Depth | 33.35 in (84.7 cm) |
| Product Weight | 440.92 lb(US) (200 kg) |
| USB compatible | No |

Input

| | |
|---------------------------------------|--|
| Input Frequency | 40 - 70 Hz |
| Efficiency at full load | 340...460 V 400 V |
| Maximum Input Current per Phase | 36 A |
| Maximum Short Circuit Withstand (Icw) | 65 kA |
| Input Total Harmonic Distortion | Less than 3% for full load |
| Load power factor | From 0.7 leading to 0.7 lagging without any derating |
| Input Power Factor at Full Load | 0.99 |

Output

| | |
|----------------------------------|--|
| Max Configurable Power (Watts) | 20 kW |
| Harmonic distortion | Less than 3% |
| Output Frequency (sync to mains) | 50 Hz sync to mains 60 Hz sync to mains |
| Crest factor | 2.5 |
| Waveform Type | Sine wave |
| Output voltage tolerance | +/- 5% after 2ms +/-1% after 50ms |
| Output Voltage THD | < 1% linear load and < 3% non-linear load |
| Overload Operation | 10 minutes @ 125% and 60 seconds @ 150% |
| Bypass type | Built-in Static Bypass |
| Maximum configurable power in VA | 20 kVA |

Conformance

| | |
|-----------|---------------------------------------|
| Standards | IEC 62040-1-1 IEC 62040-2 OSHPD |
|-----------|---------------------------------------|

Environmental

| | |
|---------------------------------------|---------------------------------|
| Ambient Air Temperature for Operation | 32...104 °F (0...40 °C) |
| Relative Humidity | 0...95 % non-condensing |
| Operating altitude | 0...3300 ft |
| Ambient Air Temperature for Storage | 5...104 °F (-15...40 °C) |
| Storage Relative Humidity | 10...80 % non-condensing |
| Storage altitude | 0...10000 ft (0.00...3048.00 m) |

| | |
|----------------------------|------------|
| Acoustic level | 55 dBA |
| Online Thermal Dissipation | 2431 Btu/h |
| IP degree of protection | IP20 |

Communications & Management

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|---------------|---------------------------------|
| Control panel | Touch Screen LCD User Interface |
|---------------|---------------------------------|

Ordering and shipping details

| | |
|------|--------------|
| GTIN | 731304410041 |
|------|--------------|

Packing Units

| | |
|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 66.14 in (168 cm) |
| Package 1 Width | 38.98 in (99 cm) |
| Package 1 Length | 25.20 in (64 cm) |
| Package 1 Weight | 440.92 lb(US) (200 kg) |

Offer Sustainability

| | |
|-----------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Under investigation |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| Optimized Energy Efficiency | Energy efficient product |
| Take-back | Take-back program available |

Contractual warranty

| | |
|----------|---|
| Warranty | 1 year on-site repair or replace with factory authorized Start-Up |
|----------|---|

Recommended replacement(s)